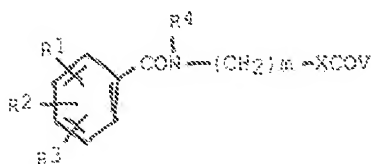
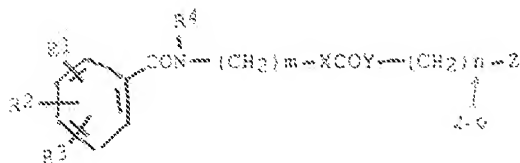


TI Preparation of N-substituted benzamides, their use for treatment of  
 digestive tract disorders, and their intermediates  
 ACCESSION NUMBER: 1998:512467 CAPLUS  
 DOCUMENT NUMBER: 129:202763  
 TITLE: Preparation of N-substituted benzamides, their use for  
 treatment of digestive tract disorders, and their  
 intermediates  
 INVENTOR(S): Nagasawa, Masaki; Asami, Kazuyasu; Horikoshi,  
 Yoichiro; Nakao, Tatsu; Kurimoto, Tadashi; Ueki,  
 Shigeru  
 PATENT ASSIGNEE(S): Zeria Pharmaceutical Co., Ltd., Japan  
 SOURCE: Jpn. Kokai Tokkyo Koho, 32 pp.  
 CODEN: JKXXAF  
 DOCUMENT TYPE: Patent  
 LANGUAGE: Japanese  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 10212271	A2	19980811	JP 1997-31371	19970131
PRIORITY APPLN. INFO.:			JP 1997-31371	19970131
OTHER SOURCE(S):			MARPAT 129:202763	

CI



II

AB N-substituted benzamides I (R1-R3 = H, OH, lower (halo)alkyl, lower  
 alkoxy, halo, NO2, cyano, etc.; R1R2 may form methylenedioxy; R4 = H,  
 lower alkyl; X = (un)substituted furyl, thienyl, (iso)thiazolyl, Ph,  
 pyridyl, etc.; m = 0-2; Y = (lower alkyl-substituted) NH, O; n = 2-4; 2 =  
 NF5R6, N:CR7R8; R5-R8 = H, lower alkyl, lower alkoxy, hydroxy-lower alkyl,  
 etc.; R7R8 may form N-containing (un)saturated heterocyclyl) or their salts  
 are

prepared via N-substituted benzamides II (R1-R4, X, m = same as above; Y =  
 halo, OH, lower alkoxy). The compds. are useful for treatment of nausea,  
 chronic gastritis, anorexia, etc. Amidation of 1.9 g 2-[N-(2,4,5-  
 trimethoxybenzoyl)amino]-5-(hydroxycarbonyl)furan with 1.13 g  
 N,N-diisopropylethylenediamine gave 1.19 g of the corresponding amide,  
 which at 0.5 mg/kg p.o. remarkably increased digestive tract movement in  
 dogs.

TI 211999-72-3P

RL: ADV (Adverse effect, including toxicity); BAC (Biological activity or  
 effector, except adverse); BSU (Biological study, unclassified); SPN  
 (Synthetic preparation); TXU (Therapeutic use); BIOL (Biological study);

PREP (Preparation): USES (Uses):

{preparation of N-substituted benzamides for treatment of digestive tract disorders}

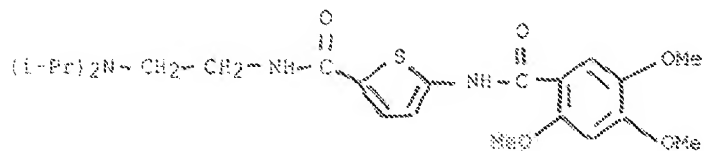
RN 211999-72-3 CAPLUS

CN 2-Thiophenecarboxamide, N-[2-[bis(1-methylethyl)amino]ethyl]-5-[[2,4,5-trimethoxybenzoyl]amino]-, (2Z)-2-butenedioate (1:1) (9CI) (CA INDEX NAME)

CM 1

CRN 211999-71-2

CMF C23 H33 N3 O5 S



CM 2

CRN 110-16-7

CMF C4 H4 O4

Double bond geometry as shown.

